

What Is Claimed Is:

1. An image formation system comprising:

an image formation condition setting part that sets a plurality of image formation conditions within a predetermined range;

an image formation part that forms images on recording materials on the basis of the plurality of image formation conditions set by the image formation condition setting part; and

a selection part that selects a predetermined image formation condition, on the basis of images formed on the recording materials by the image formation part on the basis of different image formation conditions among the plurality of image formation conditions.

2. The image formation system according to Claim 1, wherein

the image formation part includes a primary transfer mechanism that primarily transfers a toner image formed on an image holding member onto an intermediate transfer member, and a secondary transfer mechanism that secondarily transfers the toner image transferred onto the intermediate transfer member, onto the recording material; and

the image formation condition setting part sets a plurality of transfer conditions in the primary transfer mechanism or the secondary transfer mechanism as the plurality of image formation conditions.

3. The image formation system according to Claim 1, further comprising a setting range designation part that designates a setting range of the plurality of image formation conditions set by the image formation condition setting part.

4. The image formation system according to Claim 1, further comprising a basic condition determining part that determines a basic condition of the plurality of image formation conditions on the basis of characteristics of the recording material, wherein the image formation condition setting part sets the plurality of image formation conditions to include the basic condition determined by the basic condition determining part.

5. The image formation system according to Claim 1, wherein the selection part possesses an acceptance unit that accepts a selection instruction from a user.

6. An image formation system comprising:
an image forming part that forms images on recording materials; and
a control parameter modification part that modifies a control parameter used in an image forming process of the image forming part, wherein
each time the control parameter modification part modifies the control parameter, the image forming part sequentially forms test images on the recording materials on the basis of the modified control parameter.

7. The image formation system according to Claim 6, wherein the control parameter modification part modifies the control parameter step by step.

8. The image formation system according to Claim 6, further comprising an image selection part that selects a type of the test image.

9. The image formation system according to Claim 6, wherein the image forming part includes a fixing member that heats and presses the image formed on the recording material to fix them, and passes a dummy recording material through the

fixing member before forming the test images on the recording materials.

10. The image formation system according to Claim 6, wherein the image forming part includes a fixing member that heats and presses the images formed on the recording material to fix them, and sequentially forms the test images from the lowest setting temperature of fixing temperature.

11. The image formation system according to Claim 6, wherein the control parameter modification part modifies the control parameter between the recording material and the next recording material, and/or inside a non-image formation area of the test image.

12. An image formation system comprising:
 an image formation condition setting part that sets a plurality of image formation conditions;
 a test chart output part that outputs test charts on recording materials on the basis of the plurality of image formation conditions set by the image formation condition setting part; and
 an image formation part that forms an image under a specific image formation condition selected among the plurality of image formation conditions set by the image formation condition setting part.

13. The image formation system according to Claim 12, wherein the image formation condition setting part sets a plurality of transfer fields and/or a plurality of fixing temperatures.

14. The image formation system according to Claim 12, wherein a setting

range of the plurality of image formation conditions that can be set by the image formation condition setting part is variable.

15. A method of determining an image formation condition for forming images on recording materials, comprising:

setting a plurality of image formation conditions;

sequentially forming a plurality of images on recording materials on the basis of the plurality of image formation conditions set; and

selecting a final image formation condition on the basis of the plurality of images formed on the recording materials on the basis of different image formation conditions among the plurality of image formation conditions.

16. The method of determining an image formation condition according to Claim 15, wherein a basic image formation condition is selected on the basis of a type of the recording material, and the plurality of image formation conditions are set to include the basic image formation condition.

17. The method of determining an image formation condition according to Claim 15, wherein, before setting the plurality of image formation conditions, a selection range is set for the plurality of image formation conditions.

18. A storage medium readable by a computer, the storage medium storing a program of instructions executable by the computer to perform a function for determining an image formation condition, the function comprising the steps of:

setting a plurality of image formation conditions;

sequentially forming images on recording materials on the basis of the plurality of image formation conditions; and

selecting a final image formation condition on the basis of images formed on the recording materials on the basis of different image formation conditions among the plurality of image formation conditions.